Key Technologies

For the past 25 years, AstroStart has consistently set the industry standards for remote car starter and convenience products. Autostart engineers use the most advanced technology to ensure users enjoy all of the most currents features available.

Elite Series

Inside, the Astrostart Elite transceiver is powered by a 4 MHz microporcessor running HDR and HDX technology for better immunity against RF interference and advanced funtion control providing up to 3,500 feet of range. The tactile and aesthetic qualities of these ew remotes are remarkable - cool smooth and slim.

2-Way LED

This value-priced 2-Way technology will cinfirm your commands virtually instantly using brilliant flashing LED`s on the remote. Great operating range and performance at a value price - that`s what 2-Way LED security and remote start systems have to offer.

Enhanced Data-to-Data Technology

ED2D stands for Enhanced Data-To-Data communication and is a breakthrough in OEM Integration technology. Unlike conventional uniderctional and bi-directional data communication protocols, ED2D is the culmination of thousands of hours of research and development and the result are staggering. Our engineers have poured everything we know about vehicle interface technology into developing the most comprehensive data-to-data communication protocol ever designed.

HDR Technology

HDR is an acronym for "High Data Rate" and is accurately descriptive of its function. Unlike most RF protolcols, radio frequencies are broadcast at relatively slow speed which means that in the time it takes for a command to reach the vehicle it can be corrupted and therefore not be understood by the receiver. HDR bit transfer rate is 5 times faster than conventional RF technology and thus eliminates data transfer corruption with a rock solid range of up to 5,200 feet.

HDX Technology

HDX technology software is made to give the fastest confirmation of two-way systems by virtually operating in full duplex mode. Its great advantages are the user friendliness of the transmitter's operation, fast response time and the maximisation of the transmitter's effective range.

XPRESSKIT

Many Vehicles require an interface module for system installation. With our XpressKit line, modules are available for most vehicles makes and models.

SmartStart Compatible

If you already have a compatible AstroStart remote start system in your car, the FSMC250 or the FSMC100 will add SmartStart capability to your system. Now you can remote start or lock and unlock your car just by pushing a button on your Smartphone using the exciting new AstroStart SmartStart app from Directred Electronics. The simple graphical interface gives you control over the following features of your installed AstroStart remote start or security/remote start system : Lock/arm, Unlock/disarm, Remote Start, Trunk release, Panic or car finder. You can also control multiple vehicles - great for families ! - and assign more than one user to control a vehicle. It`s easy with SmartStart !

2 Way LCD

This value-priced 2-way technology will confirm your commands virtually instantly using an LCD screen on the remote. Great operating range and performance at a value price - that's what 2-way LCD security and remote start systems have to offer.

E•XRT Technology

The design and form factor of Astrostart's elegant new EXRT transceiver represent a giant leap forward in vehicle security and remote start. Astrostart's most advanced 2-way transmitter includes a large graphical and alphanumeric LCD, EXRT 900 MHz one-mile range and a built in rechargeable battery.

AstroStart
Remote Start & Security Systems

RF LED & LCD KITS

Models	Features

AF-RFK712

1-WAY RECEIVER KIT WITH UP TO 2,000 FT OF RANGE

KIT INCLUDES:

- 1 X RX Antenna receiver (711 RX)
- 2 X 1-way transmitters (711 TX)
- 1 X XL202 RFTD
- 1 X RF interconnect cable

AF-RFK615XR

1-WAY RECEIVER KIT WITH UP TO 3,500 FT OF RANGE

KIT INCLUDES:

- 1 X RX Antenna receiver (FM 433-100)
- 2 X 1-way transmitters (615 TX)
- 1 X XL202 RFTD
- 1 X RF interconnect cable

AF-RFK625

2-WAY LED RECEIVER KIT WITH UP TO 3,500 FT OF RANGE

KIT INCLUDES:

- 1 X RX Antenna receiver (FM TW-130)
- 1 X 1-way transmitters (615 TX)
- 1 X 2-way LED transmitter (635 TX)
- 1 X XL202 RFTD
- 1 X RF interconnect cable

AF-RFK5225

2-WAY LCD RECEIVER KIT OFFERING XRT TECHNOLOGY- WITH UP TO 5,000 FT OF RANGE

KIT INCLUDES:

- 1 X RX Antenna receiver (5225 rx)
- 1 X 1-way transmitters (5225 TXC)
- 1 X 2-way LCD transmitter (5225 TX)
- 1 X XL202 RFTD
- 1 X RF interconnect cable

Match one of our AstroStart RF Kits with a DBALL2 and perform a wide range of remote start compatibility!

RSR REMOTE START READY

RSR enables the DBALL interface to completely remote start the car on its own. No need for an aftermarket or OEM remote starter in order to remote start the car, and the DBALL RSR interface is fully compatible with the SMART**START** 200 and 250 series.

RXT RANGE EXTENDER READY

Perfect for those consumers who have all the convenience features such as doorlocks, sliding doors and trunk release on the OEM remote, RXT upgrades the range on certain OEM GM vehicles equipped with remote start systems. RFTD kit is required.

DSKC100

SMARTSTART Bluetooth Module

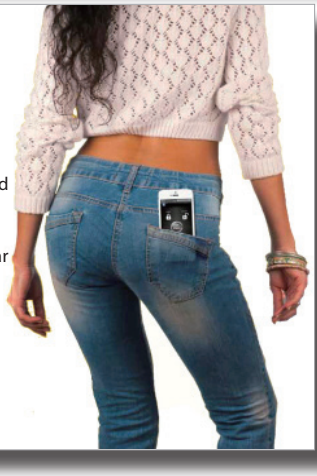
Directed SMARTKEY Bluetooth Interface for SmartStart

- Use as standalone keyless entry systen or the ultimate add on to Autostart security or remote start system
- Provides local RF back-up for Directed SmartStart systems if cell coverage fails
- The new DSKC100 connects your vehicle and smart phone with Bluetooth technology, allowing you to control your car via the Directed SmartStart app

Here's how it works: as you approach your car, the Bluetooth system in your phone connects with the DSK100 automatically. When you open the SmartStart app, it detects the Bluetooth connection and automatically executes your commands instantly.

DSMC-200

BC ASMC 100
Refurbished / Out of Package



- Start your vehicle with virtually unlimited range.
- Warm your vehicle in winter; cool your vehicle in summer, lock, unlock, and open your trunk.
- Can operate as a stand alone system to lock, unlock, open the trunk with virtually unlimited range.
  ASMC-200 only (optional standalone harness required part # ASM200250AH)
- **SmartPark** - Directed SmartStart system even guides you back to your vehicle in case you forgot where it was parked
- **Directed Motor Club** offers peace of mind with road side assistance never more than a push of a button away
- **Smart Schedule** - Part weatherman, part mind reader.
  Smart Schedule is a patent-pending technology that sends smart, behavior-based remiders to customers when it's time to start their car
- **Push Notification of Alarm Events** - Users receive confirmation when commands are received at vehicle and will be notified if their command was not received
  ASMC200 only (excluding Auto & Astro systems, connected directly to car databus through a campatible interface such as DBALL2
- **Parking Meter** - Simply set the Parking Meter in the SmartStart app when you fill the real life parking meter. The app will keep track of how much time you have remaining on your meter and will let you know when it's time to go refill

DSMC-250

Locate your car with your smartphone.

SmartStart GPS includes all of the start and control features of SmartStart, the ability to locate your car from almost anywhere, plus other exciting features:

Vehicle location and Speed
Press a button in the app and receive your vehicle's current location - plus it's speed if it's moving.

Speed Alert
With Speed Alert, request one-time notification when your vehicle exceeds your specified setting.

Lockdown Alert
Secure your vehicle with a Lockdown Alert and receive notification if your vehicle leaves that spot.

Social Media Check-In
Tell your Facebook friends where you're parked. Because your car needs friends, too!

SmartFence
Create a secure fence around your vehicle and be alerted when your vehicle leaves the area.

HotSpot
Add virtual zones at selected locations and be alerted if your vehicle enters them.

Curfew
Resticts the speed alert and movement setting to one programmable time frame.

SMARTSTART SEVICE PLANS

Secure 1	Secure 2	GPS Premium 1	GPS Premium 2
$ 69.49	$ 139.99	$ 99.99	$ 199.99
1-Year Activation	3-Year Activation	1-Year Activation	3-Year Activation
Only $ 5.79 / Month	Only $ 3.89 / Month	Only $ 8.33 / Month	Only $ 5.56 / Month
Lock / unlock	Lock / unlock	Lock / unlock	Lock / unlock
Remote Start	Remote Start	Remote Start	Remote Start
Directed Motor Club	Directed Motor Club	Directed Motor Club	Directed Motor Club
		Car Location Alerts	Car Location Alerts
		SmartFence	SmartFence
		HotSpot	HotSpot

AstroStart®

Remote Start & Security Systems

AstroStart remote car starter and security systems are designed for vehicles, but their primary benefits of convenience, comfort and security were developed first and foremost to meet our customers needs.

Safe and easy to use, AstroStart products are engineered to provide our customers with years of reliable and trouble free service.

With a complete range of remote car starters and security available, AstrStart customers are sure to find the product that most suits their needs.

Models		Features
1-WAY REMOTE STARTER SYSTEM		1 Way XPRESSKIT compatible
RS-611		• One 1-button 1-way transmitter offering start, stop and continuous mode • Built-in programmable relay • Plug-in accessories • Easy programming using Multitest or brake sequence • Gas, diesel and hybrid engines compatible • Tachless capabilit • Programmable runtime (2, 4, 8 or 18 minutes) • Up to 1,000 feet of range 1 Way XPRESSKIT
RS-613		• Two 3-button 1-way transmitters with up to 1,500 feet range • Engine start/stop and continuous mode • Programmable runtime (2, 4, 8 or 28 minutes) • Panic function • Low temp mode activation by remote transmitter • Built-in programmable relay • Plug-in accessories • Tachless capability • Programmable by Multitest or brake sequences 1 Way ED2D XPRESSKIT
RS-614XR		• Up to 1,500 feet of range • One 5-button 1-way transmitter & one 1-button 1-way companion • Built in programmable relay • Plug-in accessories • Engine start/stop with continuous mode and door lock capability • Automatic defogger activation • Programmable runtime (2, 4, 8 or 18 minutes) • Tachless capability • Easy programming using Multitest or dip switches • Gas, diesel and hybrid engines compatible 1 Way XPRESSKIT
RS-615XR		• Two Elite Seires 5 button 1-way transmitters with 3,500 feet of range • One way communication with HDR technology • Engine start/stop with continuous mode and door lock capability • 2-way D2D compatible with Xpresskit Receiver elite series 1 Way ED2D XPRESSKIT HDR HDX
RS-711XR		• One-button 1-way transmitter offering up to 2,000 feet of range • Programmable runtime (2, 4, 8 or 18 minutes) • Gas, diesel and hybrid engines compatible • Automatic defogger activation • Reset run time by remote transmitter • Built-in programmable relay • Plug-in accessories • Tachless capability 1 Way ED2D XPRESSKIT

2 years extended warranty on transmitters

Models		Features
2-WAY REMOTE STARTER SYSTEM		
RS-721		• One 1-button 2-way LED transmitter with up to 1500 feet of range • Automatic defogger activation • Reset run time by remote transmitter • Built-in programmable relay • plug-in accessories • Easy programming using Multitest or dip switches • Gas, diesel and hybrid engines compatible • Tachless capability • Programmable runtime (2, 4, 8 or 18 minutes)
RS-624		• One 4-button 2-way transmitter with up to 2,000 feet range • One 4-button 1-way transmitter • Automatic defogger activation • Panic function • Low temp mode activation by remote transmitter • Built-in programmable relay • Plug-in accessories • Tachless capability • Programmable by Multitest or brake sequences
RS-625		• Elite Series 5 button 2-way LED transmitter with 3,500 feet of range • One 5 button 1-way companion transmitter • Two way communication with HDR and HDX technology • Visual and audible command confirmation including engine runtime request • 2-way D@D compatible with Xpresskit Receiver
RS-655		• 5 button EXTR 2-way LCD transmitter with up to 1 mile of range • Ultimate 2-way communication with graphics and audio tones on transmitter • Low Termperature mode - start vehicle automatically at a pre set low temperature • Built-in lithium ION batteris offer rechargeability • One 5 button 1-way companion transmitter • Vehicle status indicator via remote
1-WAY & 2-WAY SECURITY WITH REMOTE START SYSTEM		
RSS-2514XR		• Two 4-button 1-way transmitters with up to 2,000 feet of range • Runtime programmable by remote transmitter (2, 4, 8 or 18 minutes) • Car finder and panic function on lock/unlock buttons • Turbo mode • Optional alarm kit • Auto tach learning capability • SmartStart Compatible
RSS-2524		• One 4 button 2-way LED transmitter & one 4 button 1-way companion transmitter • Up to 2,000 feet of range • Turbo mode, Auto tach learning capability, and optional alarm kit • Runtime programmable by remote transmitter (2, 4, 8 or 18 minutes) • Reset run time by remote transmitter • Car finder and panic function on lock/unlock buttons • Optional alarm kit & SmartStart Compatible
RSS 5225		• One 2-way 5 button LCD transmitter & one 4 button companion transmitter • Proven EXRT 900 MHz spread spectrum radio with up to one mile range* • Built-in rechargeable battery with up to 30-day battery life • Status button confirming the state of the vehicle (engine running, lock, arm, unlock & disarm) • Auto tach learning & tach less mode, turbo mode, & plug-in accessories • Add the optional Alarm Kit to convert to full security system • SmartStart Compatible

2 years limited warranty on transmitters

Models		Features			
AstroStart Transmitters					
611TX **310-052-394**		Buttons LCD LED Color Two Way LED Buttons	1 N/A Green N/A N/A	Battery Compatible with : RS-611	CR 2016 Qty 2
711TX **310-052-393**		Buttons LCD LED Color Two Way LED Buttons	1 N/A Green N/A N/A	Battery Compatible with : 711XR	CR 2016 Qty 2
721TX		Buttons LCD LED Color Two Way LED Buttons	1 N/A Green Yes N/A	Battery Compatible with : RS-721	CR 2016 Qty 2
613TX **310-052-392**		Buttons LCD LED Color Two Way LED Buttons	3 N/A Green N/A N/A	Battery Compatible with : RS-623	CR 2016 Qty 2
2514TX		Buttons LCD LED Color Two Way LED Buttons	4 N/A Green N/A N/A	Battery Compatible with : RSS-2514XR, RSS-2524	CR 2016 Qty 2
623TX		Buttons LCD LED Color Two Way LED Buttons	3 N/A Green Yes N/A	Battery Compatible with : RS-623	CR 2016 Qty 2
5224TX		Buttons LCD LED Color Two Way LED Buttons	4 Yes N/A Yes N/A	Battery Compatible with : RSS-5224, AF-RFK-5225	AAA Qty 1
489AL		Buttons LCD LED Color Two Way LED Buttons	4 Yes N/A Yes N/A	Battery Compatible with : VSS-204TW	AAA Qty 1
2524TX		Buttons LCD LED Color Two Way LED Buttons	4 N/A Green Yes N/A	Battery Compatible with : RSS-2524	CR 2016 Qty 2

Models		Features			
AstroStart Transmitters					
5225TX		Buttons LCD LED Color Two Way LED Buttons	4 Yes N/A YES N/A	Battery Compatible with : RS-5225	LI-ION
310-052-300		Buttons LCD LED Color Two Way LED Buttons	6 N/A Green N/A N/A	Battery Compatible with : RSS-4204A, RSS-2205A	CR 2016 Qty 2
615TX		Buttons LCD LED Color Two Way LED Buttons	5 N/A Blue N/A N/A	Compatible with : RS-615XR	
625TX		Buttons LCD LED Color Two Way LED Buttons	5 N/A Blue YES YES	Compatible with : RS-625	
655TX		Buttons LCD LED Color Two Way LED Buttons	4 YES N/A YES N/A	Battery Compatible with : RS-655	LI-ION
655TXC		Buttons LCD LED Color Two Way LED Buttons	5 N/A Amber N/A N/A	Compatible with : RSS-655	
ASTROSTART ACCESSORIES					
RS-MI **310-067-500**		MAUAL TRANSMITION INTERFACE			
540-AW **310-127-251**		UNIVERSAL CABLE KIT WITH ALARM WIRE			
ALA-OP **310-120-503**		OPTIONAL ALARM KIT			
DTS-2 **310-066-502**		TACH MODULE			
544-AE **310-372-500**		POLYESTER ANTENNA AND VELCRO			
MUTI-TEST III		TECH-TOOL			